



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/023,043	12/17/2001	David E. McDysan	RIC-01-059

28722
BRACEWELL & PATTERSON, L.L.P.
7600B NORTH CAPITAL OF TEXAS HIGHWAY
SUITE 350
AUSTIN, TX 78731-1168



CONFIRMATION NO. 5663

FORMALITIES LETTER



OC000000007350162

Date Mailed: 01/24/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

04/05/2002 YPOLITE1 00000010 132491 10023043

01 FC:105 130.00 CH

A copy of this notice **MUST** be returned with the reply.

Teddy Berke

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

20200403 040300

#3

Docket No.: RIC01059

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

MCDYSAN

Application No.: 10/023,043

Filed: December 17, 2001



BOX: MISSING PARTS

Confirmation No.: 5663

Group Art Unit: 2661

Examiner: Not Assigned

Title: SYSTEM, METHOD AND APPARATUS THAT EMPLOY VIRTUAL PRIVATE NETWORKS
TO RESIST IP QoS DENIAL OF SERVICE ATTACKS

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

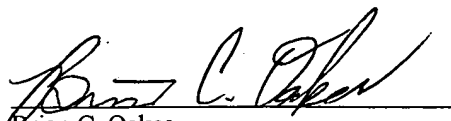
In response to the Notice to File Missing Parts of Application Under 37 C.F.R. § 1.53(e) dated
01/24/2002, enclosed please find:

- ☒ a Declaration and Power of Attorney executed by the inventor(s) and the surcharge of
\$130.00 (fee code 105) as set forth in 37 C.F.R. § 1.16(e);
- ☐ Please note that the inventor(s) identified on the currently filed Declaration and
Power of Attorney are different than those listed on the application filing papers.
- ☐ a Request for Refund;
- ☒ Submission of Formal Drawings with 8 sheet(s) of drawings (Fig(s)1-5, 6A,6B,7-8.);
- ☐ a Petition for Extension of Time;
- ☒ Fee Transmittal;
- ☐ other: _____
- ☒ return postcard;
- ☒ copy of Notice to File Missing Parts of Application; and
- ☒ charge \$130.00 to Deposit Account No. 13-2491 for the fee due for missing parts.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R.
§§ 1.16, 1.17 and 1.21 that may be required by this paper or to credit any overpayment to
Deposit Account No. 13-2491. This paper is submitted in duplicate.

Respectfully submitted,

Date: 3/05/2002


Brian C. Oakes
Registration No. 41,467

WorldCom, Inc.
1133 19th Street, NW
Washington, DC 20036
Phone: 202-736-6371
Fax: 202-736-6382

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

David E. McDysan

Serial No. 10/023,043

Filed: December 17, 2001

Art Unit: 2661

Confirmation No. : 5663

Examiner: Not Assigned

Attorney Docket: RIC01059

For: SYSTEM, METHOD AND APPARATUS THAT EMPLOY VIRTUAL
PRIVATE NETWORKS TO RESIST IP QoS DENIAL OF SERVICE
ATTACKS

Response to Notice to File Corrected Application Papers

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith are 8 sheet(s) of 9 figure(s) of formal drawings to be substituted for the corresponding drawing sheets presently on file in the above-identified application.

It is believed that no fees are required with this submission. However, if fees are required, the Commissioner is hereby authorized to charge any applicable extension or petition fees under 37 CFR 1.17, any additional filing fees required under 37 CFR 1.16, any patent processing fees or surcharges under 37 CFR 1.16, and any fees associated with the recordation of the Assignment during the pendency of this application, or to credit any overpayment, to our Deposit Account 13-2491.

Respectfully submitted,

Brian C. Oakes
Reg. No. 41,467



Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

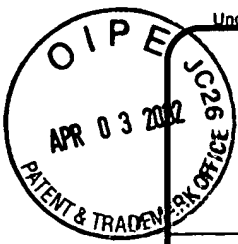
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/023,043	
	Filing Date	December 17, 2001	
	First Named Inventor	McDysan	
	Group Art Unit	2661	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	19	Attorney Docket Number	RIC01059

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s) 8 sheets	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard MPEP503
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Also enclosed is Response to Notice to File Corrected Application Papers	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brian C. Oakes WorldCom Technology Law Department
Signature	<i>Brian C. Oakes</i> Reg. No. 41,467
Date	3/25/2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>March 25, 2002</u>	
Typed or printed name	Tracy Goodwin
Signature	<i>Tracy Goodwin</i>
Date	March 25, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**130.00**

Complete if Known

Application Number	10/023.043
Filing Date	December 17, 2001
First Named Inventor	McDysan
Examiner Name	Not Assigned
Group Art Unit	2661
Attorney Docket No.	RIC01059

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **13-2491**
Deposit Account Name **WorldCom, Inc.**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims -20** = X =
Independent Claims -3** = X =
Multiple Dependent =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**130.00**

SUBMITTED BY

Name (Print/Type)	Brian C. Oakes	Registration No. (Attorney/Agent)	41,467	Telephone	202-736-6371
Signature		Date	3/25/02		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.